

SUGARCANE GROWTH MEASUREMENT DATA  
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT  
ARDOYNE FARM, HOUma, LOUISIANA

Growth Measurement No. 12

Growth from 6/14/05 to 6/21/05

Average growth (inches) this week Plant-Cane

LCP 85-384.....	6.10
Ho 95-988 .....	4.75
HoCP 96-540.....	5.10
L 97-128 .....	6.55

Average growth (inches) this week 1st-Stubble

LCP 85-384.....	7.55
Ho 95-988 .....	6.85
HoCP 96-540.....	8.00
L 97-128 .....	8.05

Average height (inches) to date Plant-Cane

LCP 85-384.....	33.20
Ho 95-988 .....	29.45
HoCP 96-540.....	26.50
L 97-128 .....	36.55

Average height (inches) to date 1st-Stubble

LCP 85-384.....	34.80
Ho 95-988 .....	34.05
HoCP 96-540.....	37.45
L 97-128 .....	44.95

**Average height in inches**

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 <sup>ST</sup> -STUBBLE	PLANT-CANE	1 <sup>ST</sup> -STUBBLE
2005	26.5	37.5	33.2	34.8
2004	46.5	45.3	43.2	45.0
2003			32.4	34.6
2002			34.0	36.6
2001			34.1	36.1
2000			46.2	42.2
1999			46.8	47.4
1998			27.9	47.6
1997			27.6	34.5
1996			24.3	28.8

**SOIL MOISTURE and CLIMATOLOGICAL DATA\***

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
<b>Min</b>	6.0	9.0	4.3	68.2
<b>Max</b>	41.0	21.8	13.8	101.3
<b>Mean</b>	19.6	13.7	8.3	80.5

Rainfall total for week (inches).....3.02"

Rainfall total for year (inches).....30.06"

\* Temperature, rainfall records, and soil moisture from Ardoyne Farm.  
Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).